

#20138  
8/16/02  
1636

## RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number:

09/548998D

Source:

OIPE

Date Processed by STIC:

7-22-02

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TECH CENTER 1600/2900

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

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- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: [patin21help@uspto.gov](mailto:patin21help@uspto.gov) or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: [patin3help@uspto.gov](mailto:patin3help@uspto.gov) or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER  
VERSION 3.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND  
TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker>

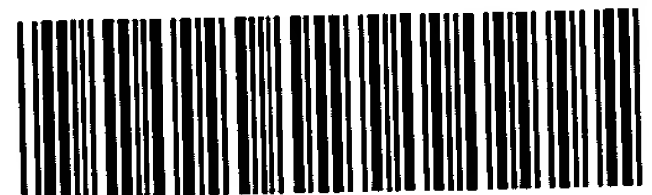
Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail. Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom. Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
3. Hand Carry directly to:  
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7<sup>th</sup> Floor, Examiner Name,  
Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202  
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## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/548,998D

DATE: 07/22/2002

TIME: 14:57:40

Input Set : N:\Crf3\07022002\I548998C.raw  
 Output Set: N:\CRF3\07222002\I548998D.raw

Does Not Comply  
 Corrected Diskette Needed

1 <110> APPLICANT: EBERSOLE, RICHARD C.  
 2 HENDRICKSON, EDWIN  
 3 <120> TITLE OF INVENTION: NUCLEIC ACID FRAGMENTS FOR THE IDENTIFICATION OF  
 4 DECHLORINATING BACTERIA  
 5 <130> FILE REFERENCE: BC1002 US NA  
 C--> 6 <140> CURRENT APPLICATION NUMBER: US/09/548,998D  
 7 <141> CURRENT FILING DATE: 2002-06-13  
 8 <150> PRIOR APPLICATION NUMBER: 60/129,511  
 9 <151> PRIOR FILING DATE: 1999-04-15  
 10 <160> NUMBER OF SEQ ID NOS: 60  
 11 <170> SOFTWARE: Microsoft Office 97

## ERRORED SEQUENCES

165 <210> SEQ ID NO: 7  
 166 <211> LENGTH: 1443  
 167 <212> TYPE: DNA  
 168 <213> ORGANISM: Dehalococcoides ethenogenes  
 169 <400> SEQUENCE: 7

170	gatgaacgct agcggcgtgc cttatgcatg caagtcgaac ggtcttaagc aattaagata	60
171	gtggcaaacg ggtgagtaac gcgtaagtaa cctacctcta agtgggggat agcttcggga	120
172	aactgaaggt aataccgcat gtgatgggct gacataagtc ggttcattaa agccgcaagg	180
173	tgcttggtga ggggcttgcg tccgattagc tagttggtgg ggtaatggtc taccaaggct	240
174	tcgatcggtg gctggtctga gaggatgatc agccacactg ggactgagac acggggccaga	300
175	ctcctacggg aggcagcagc aaggaatctt gggcaatggg cgaaagcctg acccagcaac	360
176	gccgcgtgag ggatgaaggc ttctcggttg taaacctctt ttcacaggga agaataatga	420
177	cggtaacctg ggaataagct tcggctaact acgtgccagc agccgcggta atacgtaggg	480
178	aagcaagcgt tatccggatt tattgggcgt aaagtgagcg taggtggtct ttcaagttgg	540
179	atgtgaaatt tcccggctta accgggacgt gtcattcaat actggttgac tagagtacag	600
180	caggagaaaa cggaattccc ggtgtagtgg taaaatgcgt agatatcggg aggaacacca	660
181	gaggcgaagg cggttttcta ggttgctact gacactgagg ctcgaaagcg tggggagcga	720
182	acagaattag atactctggt agtccacgcc ttaaaactatg gacactaggt atagggagta	780
183	tcgaccctct ctgtgccgaa gctaacgctt taagtgtccc gcctggggag tacggtcgca	840
184	aggctaaaac tcaaaggaat tgacgggggc ccgcacaagc agcggagcgt gtggtttaat	900
185	tcgatgctac acgaagaact taccaagatt tgacatgcat gaagtagtga accgaaaggg	960
186	aaacgacctg ttaagtcagg agtttgaca ggtgctgcat ggctgtcgte agctcgtgcc	1020
187	gtgaggtggt gggttaagtc ctgcaacgag cgcaaccttg ttgctagtta aattttctag	1080
188	cgagactagc gagactgccc cgcgaaacgg ggaggaaggt ggggatgacg tcaagtcagc	1140
189	atggccttta tatcttgggc tacacacacg ctacaatgga cagaacaata ggttgcaaca	1200
190	gtgtgaactg gagctaatac ccaaagctgt cctcagttcg gattgcaggc tgaaaccgcg	1260
191	ctgcatgaag ttggagttgc tagtaaccgc atatcagcaa ggtgcggtga atacgttctc	1320
E--> 192	gggccttgta cacaccgccc gtcacgtcat ganagccggt aacacttgaa gtcgatgtgc	1380

→ n detected in  
 sequence. see p. 3  
 for explanation

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/548,998D

DATE: 07/22/2002  
TIME: 14:57:40

Input Set : N:\Crf3\07022002\I548998C.raw  
Output Set: N:\CRF3\07222002\I548998D.raw

193	caaccgcaag gaggcagtcg ccgaggggtgg gactggtaat tgggacgaag tcgtaacaag	1440
194	gta	1443

VARIABLE LOCATION SUMMARY  
PATENT APPLICATION: US/09/548,998D

DATE: 07/22/2002  
TIME: 14:57:42

Input Set : N:\Crf3\07022002\I548998C.raw  
Output Set: N:\CRF3\07222002\I548998D.raw

Use of n's or Xaa's (NEW RULES):

Use of n's and/or Xaa's have been detected in the Sequence Listing.  
Use of <220> to <223> is MANDATORY if n's or Xaa's are present.  
in <220> to <223> section, please explain location of n or Xaa, and which  
residue n or Xaa represents.

Seq#:7; N Pos. 1353

Seq#:8; N Pos. 5,11,18,21,28,37,42

VERIFICATION SUMMARY  
PATENT APPLICATION: US/09/548,998D

DATE: 07/22/2002  
TIME: 14:57:42

Input Set : N:\Crf3\07022002\I548998C.raw  
Output Set: N:\CRF3\07222002\I548998D.raw

L:6 M:270 C: Current Application Number differs, Wrong Format  
L:192 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:7  
L:200 M:256 W: Invalid Numeric Header Field, <220> has non-blank data  
L:204 M:256 W: Invalid Numeric Header Field, <220> has non-blank data  
L:208 M:256 W: Invalid Numeric Header Field, <220> has non-blank data  
L:212 M:256 W: Invalid Numeric Header Field, <220> has non-blank data  
L:216 M:256 W: Invalid Numeric Header Field, <220> has non-blank data  
L:220 M:256 W: Invalid Numeric Header Field, <220> has non-blank data  
L:224 M:256 W: Invalid Numeric Header Field, <220> has non-blank data  
L:229 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:0  
L:354 M:256 W: Invalid Numeric Header Field, <220> has non-blank data  
L:386 M:256 W: Invalid Numeric Header Field, <220> has non-blank data  
L:390 M:256 W: Invalid Numeric Header Field, <220> has non-blank data  
L:394 M:256 W: Invalid Numeric Header Field, <220> has non-blank data  
L:398 M:256 W: Invalid Numeric Header Field, <220> has non-blank data  
L:402 M:256 W: Invalid Numeric Header Field, <220> has non-blank data